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# Military Wireless Conference

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## Military Wireless Communications (MWC)

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### Calendar of Events

- 2013 MWC Conference Delayed due to Memo 29Sep12
- Feb 25-28, Limited Participation in TNT, Florida

### Research Areas

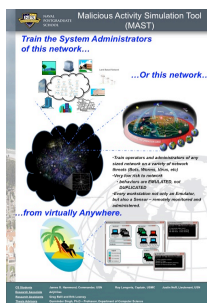
- Secure Cell Phone Technology
- Disruption Tolerant Networks
- Economical DOD Cellular Technology
- Information Warfare
- Information Assurance
- DoD / Military Policy
- Force Protection / IED Abatement
- [Current Research](#)

### Other Links

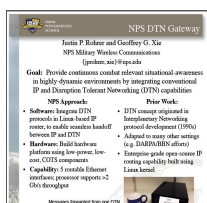
- [Military Wireless Conference](#)
- [Team Members and Collaborators](#)
- [NPS Networking Group](#)

### Related Documents

- [Thesis and Publications](#)



### MAST Project



## Military Wireless Conference

### About MWC Conference:

The MWC Conference is by invitation only due to limited space. The invitees range from DOD PM's and acquisitions personnel to representatives of end users. The presentations are carefully chosen to represent most promising technological directions that industry and DOD might take in the future with emphasis on what is most economically feasible. And the themes are generally focused on most pertinent. Examples of themes in the past are secure cell phone architectures, the advantages of cell phones in the battle field, and moving toward a more economical DOD cell phone implementation.

### Next Military Wireless Conference will be toward the latter half of 2013

Check back for times and location. Delay is due to DOD wide memo regarding conferences.

To request topics or an invitation to the next MWC Conference or future conferences please contact John Gibson at: [jhgibson@nps.edu](mailto:jhgibson@nps.edu). MWC tentatively for 2013, please see Conference Registration Form ([doc](#)).

### Previous MWC Conferences:

#### Aug 1 and 2, 2012

Many of the briefs for this conference were requested to be private. To request a brief please contact [jhgibson@nps.edu](mailto:jhgibson@nps.edu).

- USAF Wireless Initiatives, Charles Menza, COL, Air Staff
- War-fighter Waveform Tactics, William Edwards, SPAWAR LANT
- LTE as an Inter-ship Communications Service, Al Thomas, CAPT. USN (Ret), OCEUS
- INMARSAT Game Changing Directions, J.J. Shaw, INMARSAT
- Fuel Cells: Current Capabilities and Support for UAV's and Portable Applications, Deryn Chu (AFRL) and Brian Holloway (DARPA)
- Autonomous Aerial Cargo Utility System, Azi Sharif, ONR
- SAGE-OptiPortal Device-Agnostic Network-Enabled Display, Jeff Weekley, NPS MOVES Institute
- Lighthouse -- a COTS and Open Source Development Approach for Mobile Device Applications for Socio-Cultural Intelligence Data Management, Michael Stevens and LTC Max Moore, NPS CORE Lab
- Emergency Telephone Service Requirements for Commercial Cellular (LTE) Dave Nolan, HQ DHS
- Public Service Next Generation Cellular, Walter Magnussen, Texas A&M University
- Challenges and Solutions for Reducing Response Time in Urban Search and Rescue, Radu Stoleru, Texas A&M University
- Disaster Response Communications, Norman Jones, AASKI
- Lessons Learned for Afghanistan Deployments, Larry Wentz, NDU
- PEAK and MiDAS, Phil Stockdale, NDU
- Status Update on Hand Held Initiatives, Capt. Dixon MARCORSYSCOM, and Ted Theofilak, SigCOE Battle Lab
- NPS Research, UAV Communication Relay, Jose Menjivar, MAJ Marines

#### Feb 7 and 8, 2012

Many of the briefs for this conference were requested to be private. To request a brief please contact [jhgibson@nps.edu](mailto:jhgibson@nps.edu).

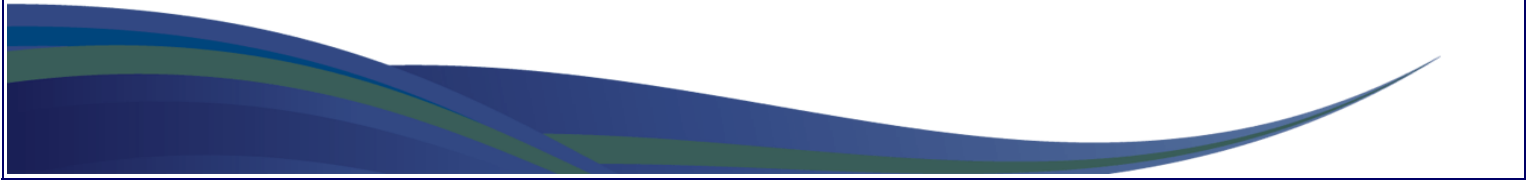
- DOD CIO Office, Rocky Young (brief not available)
- Net Warrior Overview Briefing, Stu Abrahamson and Maj. Doug Copeland ( [pdf](#) \*1 )
- DISA CTO Office, Greg Youst ( [pptx](#) \*1 )
- Adoption of New Ideas, Peter Denning, NPS ( [pdf](#) )
- Disruption Tolerant Networking, JPL Briefing ( [pptx](#) \*1 [pdf](#) \*1,2 converted PDF incomplete)
- DISA MVNO Status Brief, Vincent Nguyen (brief not available)
- HQMC Mobile and Wireless Initiatives, Anthony Soules ( [ppt](#) \*1 )
- Solar Cell Optical (LASER) Communication, Lt. Brian Phillips, USN, and Lt. Joseph Foster, USN ( [pdf](#) )
- Mobile Broadband Way Forward, William Edwards, SPAWAR Systems Center Atlantic ( [ppt](#) \*3 )
- A Cellular Architecture in Support of Nation Building, Tao Rocha, SPAWAR (brief not available)
- ARMY Test And Evaluation Command Briefing ( [pptx](#) \*1, [pdf](#) \*1,2 )

#### July 19-20, 2011

- Mobile Wireless Industry Analysis -- Gartner Research ( [pptx](#) \*3 ) ( [pdf](#) \*3 )
- Commercial SATCOM Near and Mid term Architecture -- Jack Deasy ( [pptx](#) ) ( [pdf](#) )
- Wireless Security, Test, and Evaluation -- Dave Aland ( [pptx](#) ) ( [pdf](#) )
- Marine Forces Experimental Center -- Scott Hourin ( [pptx](#) ) ( [pdf](#) )
- MARCORSYSCOM PG-11 Program Status -- Erik Gardner and Capt Josh Dixon
- Reach Back Architecture for Tactical Cellular Networks -- Russ Chan ( [pptx](#) )



more to come soon



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